



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4654-3

Job Sheet 167171



Part No: D4654-3

Job Qty: 140 ea

DAS
13
9-59

OCT 27 2017

Part Name: O-Ring



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 10/25/17

Job Tracking No:

Due Date: 11/3/17

Created By: Mario Poulin

Type: SOLD

Description:

Ship Via:

DWG REV. A ✓

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time
100	Purchasing	140 pcs		11/3/17	0.00	0.00	Purchasing	
110	Packaging	140 pcs		11/3/17	0.00	0.00	Packaging2	
120	QC	140 pcs		11/3/17	0.00	0.00	QC6	
130	Packaging	140 pcs		11/3/17	0.00	0.00	Packaging3	
140	QC21-SA	140 Ea		11/3/17	0.00	0.00	QC21	

Part Op 100 - Issue P/O: **038177** Purchase Part Number: 320-017 Supplier: Spearur

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
100-Purchasing	320-017	140	0	0	0

Part Specifications

Specifications could not be found.

Plex 10/25/17 2:06 PM dart.poulin.mario

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____ Date : _____ Description V _____		DISPOSITION ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Water Jet ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Quality ☐ Finishing ☐ Rec/Store/Packaging ☐ Supplier ☐ Other ☐							
		MRB (QSI042) Approval _____									
		Completed By _____									
		Lead hand / Supervisor Approval Verification _____									
		QC / QA Coordinator Approval _____									

Mtg Date: 11/09/17
 Job No: 167171

D4654-3

Packaging

PART NO:
 Revision:
 Operation:
 Change No:

0-Ring

S008128

DART AEROSPACE

DART Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 TEL: 1 613 632-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

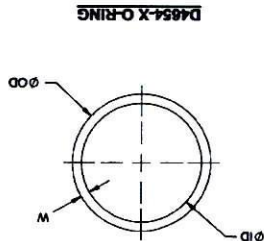
Root Cause			
Environment	☐	No Re-verification	☐
Design	☐	Operator	☐
Doc/Data	☐	Offset/Setup	☐
Equip/Tooling	☐	Supplier	☐
Handling/Pre	☐	Training	☐
Material	☐	Use for Testing	☐
Internal Transport	☐	Poor Information	☐
Tribal Knowledge	☐	Rushing	☐
LOA	☐	Product Improvement	☐
Substation	☐	Process Improvement	☐
Past Expiry Date	☐	Manufacturing Process	☐
Misidentified	☐	Past Due	☐

☐ Pressure/Forced	☐ Set-up	☐ Loss/Surge	☐ Positioned Wrong
☐ Bending	☐ BOM/Route	☐ Program	☐ Outside Dimensions
☐ Centre Not Concentric	☐ Broken/Damage/Defect	☐ Weld	☐ Over/Under tolerance
☐ Cracks	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Incorrect
☐ Crimp/Kink/Ripple/Wave	☐ Contamination	☐ Out of Sequence	☐ Part Lost/Missing
☐ Cuffs	☐ Countersink	☐ Off-set	☐ Part Moved
☐ Crushing	☐ Cut Too Short	☐ Mislabeled	☐ Drawing
☐ Heat Treat	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Finish
☐ Wave/Twist in Tube	☐ Drill Holes	☐ Misaligned/off center	☐ Misread
☐ Marks/Chatter			☐ Turning Sequence

OTHER : _____

NOTES:
 1) MATERIAL: PER TABLE
 2) FINISH: N/A
 3) TOLERANCES: PER DART OSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: N/A
 6) IDENTIFICATION: PER OSI 044 8.7
 7) WEIGHT: PER TABLE

PART NUMBER	DESCRIPTION	POSSIBLE VENDOR	VENDOR PART NUMBER	MATERIAL	DURUMETER	ID	OD	W	COLOUR	WEIGHT (lbs)
D4654-1	O-RING	SPAENALUR	320-016	NITRILE (BUNA N)	75 SHORE A	0.814	0.750	0.070	BLACK	0.001
D4654-3	O-RING	SPAENALUR	320-017	NITRILE (BUNA N)	75 SHORE A	0.876	0.816	0.070	BLACK	0.001



SPECIFICATION CONTROL DRAWING

REV. A	DATE	12.07.25
BY	MB	
DART AEROSPACE LTD HAMWESBURY, ONTARIO, CANADA		
DRAWING NO.	D4654	
CHECKED	MB	
APPROVED	MB	
DATE	12.07.25	
TITLE O-RING		
SCALE N/A		
SHEET 1 OF 1		
REV. A		

RELEASED
2012-11-05



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038177

Supplier: MAI001-VC
Main Industrial Sales Ltd.
1475, Tessier
Hawkesbury
ON
K6A 3S6 Canada
Phone: 613 632 3595
Fax: 613 632 0262

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038177

PO Date: 10/27/17

Due Date: 11/9/17

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

OCT 27 2017

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments: PROCUREMENT QUALITY CLAUSES
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A025 CERTIFICATE OF CONFORMANCE
A040 NOTIFICATION OF QUALITY ESCAPE
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY
DOCUMENTS

Items

Line Item	Part	Rev	Supplier Part No	Item No	Description	Item Tax	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	SCR-55H	✓			Pump Cylinder Set		Firmed	11/9/17	1 Ea	0 Ea	1 Ea	\$1,404.00/Ea	\$1,404.00
2	401408881	✓			Thrust Washer		Firmed	11/9/17	20 Ea	0 Ea	20 Ea	\$1.84/Ea	\$36.80
Line Item Note TRC-411 ACCEPTABLE AS PER DWG RBW6405G08732-3G													
3	64827082	✓			Coupling Nut		Firmed	11/9/17	20 Ea	0 Ea	20 Ea	\$0.65/Ea	\$13.00
Line Item Note 0-14FCZC 1/4-28 ZING COUPLING NUT													
4	320-017	✓			O-Ring		Firmed	11/9/17	200 Ea	0 Ea	200 Ea	\$0.751/Ea	\$150.20
												Grand Total: \$1,604.00	

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 10/27/17 10:24 AM dart.lavoie.chantal

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE November 08, 2017
NUMBER 0000214219
CUSTOMER NO. DART

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

SHIP TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

(613) 632-5200 Ext.

(613) 632-5200 Ext.

P.O. NUMBER	SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUMBER
38177	EB	24-Oct-17		0000214219
F.O.B.	SHIP VIA		TERMS	
F.O.B. value	OUR TRUCK / LOCAL		NET 30 DAYS	
PART NUMBER	LOCATION	UOM	QUANTITY	
DESCRIPTION			REQ.	SHIPPED B.O.
0-320017 VITON O'RING		EA	200	200

SP17-11-8